



MEETING MINUTES

PROJECT: Water Treatment Plant	PAGE: 1 of 2
OWNER: City of Long Beach	PROJECT NUMBER: 08856
MEETING DATE: 11/2/10	CONTRACTOR: Rotschy, Inc.

PRESENT: Rick Gray, City of Long Beach
Casey Danforth, Rotschy, Inc.
Dave Wiebe, PACE Engineers, Inc.

1. COMMENTS ON PREVIOUS MEETING:

- No discussion.

2. SCHEDULE:

- Casey Danforth provided the attached updated schedule.

3. SUBMITTALS:

- No discussion.

4. RFI'S:

- No discussion.

5. PROPOSED CHANGE ORDERS:

- The wooden soffit revisions were discussed. In order to make the pressure treated wood fascia fit the existing dimensions of the metal trusses/pan decking, the lumber dimensions had to be increased. The cost of the change is approximately \$700.
- Insulation for the potable/utility water piping was discussed. With Rick Gray and Dan Naughton's input, it was decided not to require pipe insulation inside the WTP building. This will result in an approximate \$5,000 savings that can significantly offset the cost of the utility pipe changes.
- The enclosed soffit work requested by the City will cost the City approximately \$1,700 - \$2,000 after deducting the cost of the east-west soffits and a modification to place the insulation bats to the outside of the metal plates that are placed at the top of the masonry wall between trusses. Rick Gray approves of this modification.
- The sample lines for the various processes were discussed. Specification 15140 calls for copper pipe. Rick Gray and Dan Naughton would prefer to use schedule 80 PVC pipe. Casey was asked to review any potential cost savings for using the PVC pipe. This credit could be used to offset future charges.

6. CONSTRUCTION ISSUES:

- Discussed the location of the water heaters. One will be located on the wall just below the mezzanine and above the eye wash facility. The other will be on the wall outside the rest room space.
- Copper pipe for the air compressor lines was discussed. Copper pipe will be utilized.
- Casey Danforth brought in a faucet that he would like to use for the five sample faucets located in the laboratory. They are constructed of schedule 80 PVC and appear to be durable. This faucet is provided by Chicago Faucet Company and was used on the project Rotschy recently completed for the City of Vancouver. Rick Gray is in favor of using this faucet.
- Rick Gray discussed the use of poly tubing in the transition from the schedule 80 PVC pipe to the chemical feeds. Rick wants to have a 360 degree loop at each feed location downstream of the pumps to visually monitor for potential air bubbles in the feed lines. Rotschy will plumb all the chemical feed lines and Rick will be proactive in advising them as to function and simplicity for ease of operation and maintenance.
- There was discussion of the location of the two potable water pumps and the depth sensor for the clear-well pumping chamber that are located in the north-west corner of the WTP building. After the meeting, Rick and Casey will locate the facilities for ease of maintenance/accessibility in relation to the overhead VTP pipe manifold.
- The height of the ACH fill line penetration through the CMU wall was discussed. It will be made through the stem-wall and sealed with a rubberized sealant to allow for expansion/contraction.



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7. CONTRACTOR CONCERNS:

- No discussion.

8. ENGINEER / CITY CONCERNS:

- No discussion.

9. Q & A:

- No discussion.

LONG BEACH WATER TREATMENT PLANT

THREE WEEK ROLLING SCHEDULE

[illegible]